

Touch panel - TPE057SGQ/200130023 S00068 - 2401560

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Rugged-Touch panel with 14.5 cm/5.7" TFT active-display (Analog resistive (GFG)), 320 x 240 pixel(s) (QVGA), 65536 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Movicon™. (bus system: without)

Similar figure

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 238920
GTIN	4055626238920

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Outer dimensions: width, height, depth	195 mm x 153 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	161 mm x 119 mm x 42 mm

Display

Display type	14.5 cm/5.7" TFT active
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	Analog resistive (GFG)
Brightness	400 cd/m², typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	65536 colors
Reading angle left	75 °
Reading angle right	75 °
Reading angle top	60 °

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Technical data

Display

Reading angle bottom	75 °
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Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Movicon™
RAM	512 MB LPDDR SDRAM
Mass storage	NAND-Flash, 256 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %
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Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Classifications

eCl@ss

eCl@ss 4.0	27330203
eCl@ss 4.1	27330203
eCl@ss 5.0	27330202
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 2.0	EC001426
ETIM 3.0	EC001426
ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

UNSPSC

UNSPSC 6.01	43172403
UNSPSC 7.0901	43211903
UNSPSC 11	43172403
UNSPSC 12.01	43211903
UNSPSC 13.2	43211904
UNSPSC 19.0	43211904

Accessories

Accessories

Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery



Operating stylus

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Accessories

Touch pen - TOUCH PEN - 2701379



Touch pen for analog-resistive HMLs, silver coated. Delivery includes self-adhesive pen holder.

PCB plug

Printed-circuit board connector - MC 1,5/ 3-STF-3,5 BD:1-3 - 1751312



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 3, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB

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